

# SERGEY KUCHEROV

Strategic IT Architecture, Cloud Computing, Big Data, DevOps, Agile Development

## PROFILE

- ▶ Innovative, high-impact technology leader and critical business driver, specializing in enterprise architecture and agile software development. Career success delivering winning end products by leveraging technical and business experience to optimize business processes, create scalable strategies, and design/build cohesive enterprise solutions.
- ▶ Advantage stems from breadth of skill set, spanning project management, IT architecture, Web UI, mobile technologies, simulation, DevOps, Big Data, and cloud computing.
- ▶ Applied experience building top-talent multidisciplinary teams from the ground up. Empower development teams to take ownership and generate high-quality deliverables, using hands-on, action-oriented leadership.
- ▶ Career wins include development of a strategic architecture roadmap for Nielsen's Sales Effectiveness application ecosystem platform, integral contribution to modular applications ecosystem platform design, and command of an agile development team in rapid prototyping of future platform components.
- ▶ Data-driven strategist with expertise in creating best-fit solutions through cross-functional collaboration with global teams and stakeholders. Recognized for achieving ambitious business goals despite tight budgets and limited resources.

## CORE COMPETENCES

- Enterprise Architecture
- User Experience Design
- Customer Needs Assessment
- End-to-End Product Development
- Cloud Computing (Azure, AWS)
- Big Data Architecture
- Business Intelligence (BI)
- Budget Oversight | Cost Control
- Agile Software Development
- IT Security | Risk Management
- Business Process Automation
- DevOps

## PROFESSIONAL OVERVIEW

### Senior Manager | SOGETI USA

2017 to Present

- Recently joined Sogeti USA in Chicago to help our clients in architecting and development of optimal solutions using cloud computing

#### Select achievements

- Selected by management to provide architecture guidance and thought leadership for several clients IT initiatives. Served as a member of the architecture review team.
- Co-lead organization and architecture transformation initiative to improve and accelerate client systems engineering and DevOps processes. Collaborated with architecture and development teams to design and develop a new high-profile client-facing solution using the Azure cloud platform.

### Chief Architect | THE NIELSEN COMPANY

2008 to 2016

- Ownership of innovative architecture and software development for the Nielsen Buy platform, including the design and implementation of reusable enterprise services and tools.
- Ensure integrity of strategic digital solutions by providing agile development teams with architecture guidance.
- Recruited and led a high-productivity, loyal team of five direct reports, including professional development.

#### Select achievements

- Developed a strategic architecture roadmap for the Nielsen Sales Effectiveness application ecosystem platform. Collaborated with product leaders and architects in designing a modular applications ecosystem platform. Led an agile development team in rapid prototyping of future platform components.
- Facilitate Nielsen sales teams in promoting the Sales Effectiveness solution and services by providing technical expertise.

- Boost agile development team performance through knowledge sharing, mentoring, coaching, and guidance of the latest technology trends, company platform strategies, and architecture roadmaps.
- Lead architecture consulting and CTO reviews for several Nielsen programs. Leverage NoSQL, Hadoop, and cloud infrastructure to architect and prototype solutions.
- Improve and enhance existing applications by applying principles of evolutionary architecture and continuous design.
- Enabled automated testing of the platform API by implementing best practices and tailored tools.
- Delivered architecture support in the planning and execution of a large data center migration project.

## Senior IT Architect | IBM GLOBAL SERVICES

2001 – 2008

- Exclusively selected to provide technical leadership to a systems engineering team, focused on complex engagement, combining package implementation, business process improvement, service-oriented architecture, and custom software development.
- Serving as global architect for worldwide IBM Business Intelligence solutions orchestrated US, Europe, and Asia IBM project teams in establishing standard processes, architecture, and strategic plans.
- Managed a globally diverse workforce with ~30 full-time and contract employees.

### Select Achievements

- Designed and implemented several solutions for system integration and business consulting projects with budgets no less than \$1M.
- Built a high-performance team of internal/external associates by supervising recruitment, outsourcing vendors, and selecting technology partners.

## PREVIOUS ROLES

### Principal Consultant | PWC (1993 – 2000)

Has cofounded several startup projects both in the US and overseas.

## EDUCATION | PROFESSIONAL DEVELOPMENT

- ▶ **Master of Science** in Physics, Moscow State University, Moscow, Russia
- ▶ **Certifications:** IBM Certified Systems Engineer • IBM Certified Architect • OpenGroup Architect • WebMethods Developer
- ▶ **Professional Development:** Wolfram Mathematica • TIBCO AMX and BW • Advanced Web Services Development with WSAD • Negotiation Skills • Presentation Skills • Architectural Thinking • Client Consulting for IT Architects • Business Process Modeling using UML • SAP Portal • Developing SAP ITS Components • WebMethods B2B • Project Management
- ▶ **Publications & Presentations:** White Papers - IBM and Nielsen • Seminar and Team Training Session Speeches - IBM and Nielsen
- ▶ **Committees:** Design Integration Review Team (DIRT), Nielsen • Web Architecture Review Board, IBM
- ▶ **Languages:** English • Russian

## TECHNICAL SKILLS

*Architecture:* Cloud Computing • Big Data • Functional Programming • DevOps • Web Components • Service-Oriented Architecture (SOA) • MapReduce • Application Architecture • Business Process Management • Multi-Platform Integration • Business Intelligence • Object-Oriented Design and Development

*Languages:* JavaScript • Java • C# • F# • Scala • C++ • Python • PHP • Pascal

*Packages:* Azure • AWS • React • AngularJS • Node.JS • CouchBase • ElasticSearch • PowerShell • SharePoint • Lotus Notes/Domino • WebMethods • TIBCO AMX/BW • COGNOS • Composite • Tomcat • IBM WebSphere • SAP R/3 • IBM CBS • Microsoft.NET • Databases • B2B & EAI • Middleware • Windows • Linux • SQL • HTML5 • Enterprise Entitlement • IT Security

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